

Goat anti-AKAP8 / AKAP95 Antibody

Item Number	dAP-0537
Target Molecule	Principle Name: AKAP8 / AKAP95; Official Symbol: AKAP8; All Names and Symbols: AKAP8; AKAP95; DKFZp586B1222; A kinase (PRKA) anchor protein 8; A kinase anchor protein 95; A-kinase anchor protein 8; A-kinase anchor protein, 95kDa; Accession Number (s): NP_005849.1; Human Gene ID(s): 10270; Non-Human GeneID(s): 56399 (mouse) 116633 (rat)
Immunogen	DQGYGGYGAWSAG, is from N Terminus
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Experiments gave a band at approx 100kDa in Human Liver lysate after 1µg/ml antibody staining. This band corresponds to the 95kDa band reported in literature (PMID: 10601332). This protein has a calculated MW of 76.1kDa according to NP_0058
IHC	
Reference	Reference(s): Eide T, Coghlan V, Orstavik S, Holsve C, Solberg R, Skalhegg BS, Lamb NJ, Langeberg L, Fernandez A, Scott JD, Jahnsen T, Tasken K. Molecular cloning, chromosomal localization, and cell cycle-dependent subcellular distribution of the A-kinase anchoring protein, AKAP95. Exp Cell Res. 1998 Feb

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**